

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>II/2-22652/MA 2220</b>	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/EP 03/04259</b>	International filing date (day/month/year) <b>24/04/2003</b>	(Earliest) Priority Date (day/month/year) <b>29/04/2002</b>
Applicant <b>CIBA SPECIALTY CHEMICALS HOLDING INC.</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of **5** sheets.

It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

contained in the international application in written form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2.  **Certain claims were found unsearchable** (See Box I).

3.  **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No. **\_\_\_\_\_**

as suggested by the applicant.

because the applicant failed to suggest a figure.

because this figure better characterizes the invention.

**None of the figures.**

## INTERNATIONAL SEARCH REPORT

International Application No

EP 03/04259

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C09B69/02 C09B67/22 C09B67/08 C09D11/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C09B C09D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE WPI  Section Ch, Week 198111  Derwent Publications Ltd., London, GB;  Class A89, AN 1981-18521D  XP002216318  &amp; JP 56 005552 A (TOYO INK MFG CO),  21 January 1981 (1981-01-21)  abstract</p> <p>---</p>	1
A	<p>WO 97 35927 A (BASF AG ;PAULUS RUDOLF  (DE); DIX JOHANNES PETER (DE); HERRMANN  MAN) 2 October 1997 (1997-10-02)  example 1</p> <p>---</p> <p>-/-</p>	1-28

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

11 August 2003

Date of mailing of the international search report

18/08/2003

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## INTERNATIONAL SEARCH REPORT

International Application No

/EP 03/04259

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DATABASE WPI Section Ch, Week 197926 Derwent Publications Ltd., London, GB; Class D21, AN 1979-48186B XP002216319 & JP 54 063132 A (SHISEIDO CO LTD), 21 May 1979 (1979-05-21) abstract ---	1
A	EP 0 517 513 A (CIBA GEIGY AG) 9 December 1992 (1992-12-09) abstract; example 1 ---	1-28, 35-37
A	DE 195 47 800 A (CIBA GEIGY AG) 27 June 1996 (1996-06-27) example 11 ---	1-28, 35-37
A	DE 20 12 152 A (FARBWERKE HOECHST AG) 23 September 1971 (1971-09-23) page 5, paragraph 2 - paragraph 3 page 1, paragraph 2 -page 2, paragraph 2; examples ---	1-3, 35-37
A	WO 99 61534 A (SUN CHEMICAL CORP ;ORTALANO DARREN MARK (US); VISSING CHRISTOPHER) 2 December 1999 (1999-12-02) page 6, line 8 - line 10; examples ---	1-28, 35-37
A	GB 1 356 253 A (CIBA GEIGY UK LTD) 12 June 1974 (1974-06-12) cited in the application page 5, line 22 -page 9, line 29 ---	1-28, 35-37
A	EP 0 076 024 A (ICI PLC) 6 April 1983 (1983-04-06) abstract; examples & US 4 461 647 A 24 July 1984 (1984-07-24) cited in the application ---	1,2
A	EP 0 648 816 A (CIBA GEIGY AG) 19 April 1995 (1995-04-19) examples ---	1
A	DE 21 35 468 A (CIBA-GEIGY) 24 February 1972 (1972-02-24) examples ---	1-28, 35-37
A	WO 01 10963 A (CABOT CORP) 15 February 2001 (2001-02-15) abstract -----	1-28, 35-37

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/04259

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
JP 56005552	A 21-01-1981	JP 1390847 C JP 61061380 B		23-07-1987 25-12-1986
WO 9735927	A 02-10-1997	CN 1214715 A WO 9735927 A1 EP 0889934 A1 KR 2000004920 A US 6080209 A		21-04-1999 02-10-1997 13-01-1999 25-01-2000 27-06-2000
JP 54063132	A 21-05-1979	JP 1390642 C JP 61049349 B		23-07-1987 29-10-1986
EP 0517513	A 09-12-1992	DE 69213830 D1 DE 69213830 T2 DK 517513 T3 EP 0517513 A2 ES 2092041 T3 JP 6088037 A KR 218592 B1 US 5306342 A		24-10-1996 13-03-1997 07-10-1996 09-12-1992 16-11-1996 29-03-1994 01-09-1999 26-04-1994
DE 19547800	A 27-06-1996	DE 19547800 A1		27-06-1996
DE 2012152	A 23-09-1971	DE 2012152 A1 CH 555880 A DK 133823 B FR 2084544 A5 GB 1339068 A JP 55049087 B US 3759731 A		23-09-1971 15-11-1974 26-07-1976 17-12-1971 28-11-1973 10-12-1980 18-09-1973
WO 9961534	A 02-12-1999	CA 2320061 A1 EP 1047739 A1 WO 9961534 A1		02-12-1999 02-11-2000 02-12-1999
GB 1356253	A 12-06-1974	AT 312123 B CA 961607 A1 CH 579623 A5 DE 2122521 A1 DK 151971 B ES 390896 A1 FR 2091301 A5 JP 57037623 B MX 147807 A NL 7106167 A , B US 3776749 A ZA 7102923 A US 3775148 A		27-12-1973 28-01-1975 15-09-1976 02-12-1971 18-01-1988 01-04-1974 14-01-1972 11-08-1982 13-01-1983 09-11-1971 04-12-1973 26-01-1972 27-11-1973
EP 0076024	A 06-04-1983	AT 15681 T AU 554794 B2 AU 8669982 A CA 1190356 A1 DE 3266393 D1 DK 358582 A , B, EP 0076024 A1 GB 2108143 A , B JP 1782973 C		15-10-1985 04-09-1986 17-02-1983 16-07-1985 24-10-1985 12-02-1983 06-04-1983 11-05-1983 31-08-1993

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

/EP 03/04259

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
EP 0076024	A	JP	4072865 B	19-11-1992
		JP	58040361 A	09-03-1983
		NO	822716 A ,B,	14-02-1983
		NZ	201300 A	13-12-1985
		US	4461647 A	24-07-1984
		ZA	8205226 A	25-05-1983
EP 0648816	A	19-04-1995	DE 59409101 D1	02-03-2000
			EP 0648816 A1	19-04-1995
		ES	2144503 T3	16-06-2000
DE 2135468	A	24-02-1972	GB 1356254 A	12-06-1974
			BE 770037 A1	17-01-1972
		CA	962006 A1	04-02-1975
		CH	564067 A5	15-07-1975
		DE	2135468 A1	24-02-1972
		FR	2101733 A5	31-03-1972
		NL	7109790 A	18-01-1972
		US	3759733 A	18-09-1973
WO 0110963	A	15-02-2001	AU 6394600 A	05-03-2001
			EP 1218457 A1	03-07-2002
		JP	2003506554 T	18-02-2003
		WO	0110963 A1	15-02-2001